



EDUCATION

Monta Vista High School

3.92 GPA (UW), 4.3 (W)

Carnegie Mellon University

18-100 Intro to Electrical and Computer Engineering

21-127 Concepts of Mathematics

SKILLS

CODING: C++, Java, HTML, CSS

ELECTRONICS: Soldering, Arduino, Particle, Raspberry Pi

EXPERIENCE

Carnegie Mellon University Robotics Club

Member

Pittsburgh, Pennsylvania

July 2017 - Present

Monta Vista Technology Student Association Club

President

Cupertino, California

August 2016 - Present

Led club meetings for national high-school technology and science competitions.

Monta Vista Hack Club

Director of Public Relations

Cupertino, California

July 2017 - Present

Led club meetings as well as planned and hosted hackathons.

Monta Vista Class Office of 2018

Social Manager

Cupertino, California

August 2016 - May 2017

Elected as a Class Officer for the Class of 2018. Made sure students felt included at school, and that they had something to remember from high school outside of academics by organizing social school events, such as dances, rallies, and class bonding activities.

Cupertino Hills Swim and Racket Club

Assistant Webmaster

Cupertino, California

April 2016 - April 2017

Maintained the website of my local sports club.

Monta Vista Legislative Council

Member

Cupertino, California

August 2016 - Present

Participated in making school-related decisions, such as the passing of club proposals.

AWARDS

San Mateo Hackathon · First Place

January 2017

Awarded first place at SMHacks for creating the best project in a team of four within 24 hours.

U.S.A. National Computing Olympiad · Gold Competitor

December 2016

Scored 1000/1000 on the 2015 December Bronze Division Contest, and 1000/1000 on the 2016 December Silver Division Contest.

Stanford Programming Contest · First Place (Div. 2)

May 2015

Awarded first place in the Stanford Programming Contest for high school students in a team of three by quickly solving algorithmic programming challenges.

SoundPost Youth · "Conserve Water!" Video Contest Finalist

August 2016

Placed Top 10 for a film I directed and edited regarding California's drought.

U.S.A. Tennis Association · Sportsmanship Award

October 2016

Awarded a total of eleven sportsmanship awards throughout tennis career for displaying the highest standards of etiquette, respect for opponent, and respect for the game during competitive matches.

PROJECTS

Find My Classmates

June 2017 - Present

Solved the problem of students being unable to easily find who is in their classes. This webapp is built with HTML, CSS, Javascript, and Firebase for data-storage. Gained 500 distinct users in the first two days after launch.

Cupertino Connect

April 2017 - May 2017

IoT Implementation with Particle Electron to increase connectivity in Cupertino through city-established buttons at various Cupertino locations that work with Android app.

DMS (Donation and Motivation Service)

January 2017 - March 2017

Utilized HTML, CSS, Redux, React.js, Node.js, Angular.js, Stripe, and PubNub, in a team of four to make a functioning web application that helps users achieve their goals and increases charity donations.

Class Profile Picture Website

December 2016 - January 2017

Created a website that utilizes HTML, CSS, and JS to fix the problem of students either not being able to express individuality or having to endure the difficulty of getting a picture taken by a Class Officer on campus during the quarterly Class Profile Picture Promo for rallies.

EEG Brain Wave Monitor Headset

February 2016 - April 2016

Utilized Arduino, MindFlex, and Processing to create a functional and programmable headset that makes measures brain waves.

2-Stroke Gas-Powered Motorized Bicycle

June 2016 - August 2016

Motorized a bicycle with a 48cc gas motor.

Arduino-Operated Keypad Door Lock with Solenoid

October 2015 - December 2015

Utilized an Arduino to create a programmable keypad door lock, maximizing efficiency in the energy flow from a wall outlet to a high-power lock-style solenoid.

ACTIVITIES

Competitive Tennis

January 2007 - Present

Played tennis since I was six years old, was on the Monta Vista Varsity Team, and was nationally (Highest was Top 300 nationally on TennisRecruiting in Class of 2018) and locally ranked (Highest was USTA Top 15 in Northern California). Currently sponsored by Adidas and Head.

VOLUNTEERING

Second Harvest Food Bank Santa Clara, California

August 2015 - Present

Sorted surplus food into rationed boxes to be delivered to the homeless and families in need.

Lincoln Elementary School Cupertino, California

August 2015 - June 2016

Aided elementary school students in need of help.